

Become part of the Hofmann family -

Your next job:

Software Engineering Intern

What awaits you as an intern in software development (m/f/d) at Hofmann Balancing Technology?

We are looking for a prospective software developer (m/f/d) for an internship to apply knowledge in object-oriented programming and the fundamentals of database systems in real product development. The internship is aimed at individuals with an interest in industrial software, embedded systems close to software, the development of HMI user interfaces, and the creation of reliable software solutions through teamwork, code reviews, and practical test procedures.

Your tasks

- Support for the implementation of new features and the resolution of software errors based on written specifications and team guidance
- Support in the development of HMI user interfaces as well as basic calculation and logic components under expert guidance.
- Learning and applying the programming standards within the team, as well as participating in design discussions and code reviews
- Creation and execution of tests (manual and/or automated) to verify software behavior in laboratory or simulated test environments
- Support for the integration of peripherals connected to machine or software systems, as well as troubleshooting and fault resolution.
- Documentation of changes, tracking of tasks, and communication of progress and potential obstacles within the team
- Collaboration with Engineering, Manufacturing, and customer-facing teams to support successful project realization
- Analysis and Resolution of Errors on Development Computers with Support from Experienced Mentors
- Effective and goal-oriented work approach for meeting milestones and the results and objectives defined within the scope of the internship.
- Creation of clear and understandable written documentation for service and support purposes, for example, during handovers or to describe reproduction steps for errors
- Support with occasional error analysis and troubleshooting on-site or via remote support, as necessary
- Compliance with all applicable safety regulations and participation in required training and instruction

Your qualifications

- Currently pursuing a Bachelor's degree in Computer Science, Computer Engineering, or a comparable field, or equivalent practical experience

Your skills

- Knowledge of object-oriented programming from studies, coursework, or projects
- Basic knowledge of relational databases and SQL from studies, coursework, or projects
- Solid mathematical foundations, especially in trigonometry and linear algebra
- Ability to collaborate in a team and to solve problems independently
- Knowledge of .NET and C# gained through academic studies, coursework, or projects
- First Experiences with Microsoft SQL Server
- Basic knowledge of Visual Basic 6
- Basic knowledge of physics, especially in classical mechanics and rotational dynamics
- Initial contact with concepts of industrial software and embedded software
- Basic knowledge of CNC programming (G-code)

Desirable

- Supplement one to two academic, university, or personal projects with details on the technology stack used, features or solutions developed, and results or impact achieved
- List of relevant study content and courses, for example, data structures, algorithms, databases, or software engineering
- Optional: GitHub profile or portfolio, if available

Have we aroused your interest?

Then we look forward to receiving your comprehensive application documents. Please state your earliest possible start date.

Contact:

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